

TANUJA PYNENI

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WORK EXPERIENCE

Rymedi: Full Stack Developer

Sept 2023 – Feb 2024

- Developed a healthcare data management application for diagnostic testing, clinical research and employee health services that lets organizations to completely streamline their patient intake, increasing the testing capacity.
- Spearheaded the development and integration of scalable REST APIs within a dynamic healthcare startup, enhancing the web application's functionality and facilitating seamless data communication between various system components.
- Designed and implemented a cutting-edge requisition PDF solution, streamlining user information management processes and significantly improving operational efficiency within the organization.
- Leveraged Twilio SendGrid to architect and deploy robust email notification systems, ensuring timely communication and engagement with platform users, while adhering to industry-standard security and privacy protocols.
- Collaborated closely with cross-functional teams to analyze requirements, conceptualize solutions, and deliver high-quality software products that met the unique needs of the healthcare industry, contributing to the company's mission of revolutionizing healthcare delivery through technology.

AppsTek Corp: IntelOps: Full Stack Developer

Feb – Sept 2023

- Enhanced productivity by 20% and reduced debugging time by 30% through streamlined coding processes.
- Led a diverse team of 4 onsite and offshore developers in building a SASS-based product website simplifying cloud native technology.
- Developed dynamic React UI templates, cutting design work by over 50% for future webpages in the IntelOps project.
- Worked on an AI-driven framework democratizing cloud native open-source solutions for software companies.
- Authored informative blogs and documented UI templates, optimizing development processes for the product website.
- Researched industry trends, driving a 30% increase in website traffic by creating compelling blog content on multiple front-end technologies.

University of North Texas: Graduate Teaching Assistant

2021-2022

- Assisted courses: Software Engineering, Secure E-commerce, and Fundamentals of Databases.
- Oversaw and managed classes with over 150 students each, helping and guiding them in the course work.

AppsTek Corp: Full Stack Developer

2020

- Enhanced user engagement by 50% and decreased bounce rate by 25% through Angular-based product website implementation.
- Built intuitive web and mobile apps for a construction firm, optimizing inventory management and slashing purchase errors by 35%.
- Led cross-functional teams in requirement gathering, wireframe design, and usability testing, achieving a stellar 90% user satisfaction rate for the application.

TECHNICAL SKILLS

Backend: Java, Nodejs, Rest API, Python, C, C++
Frontend: JavaScript, TypeScript, Angular, ReactJS, HTML5, CSS3, Next.js
Applications/IDE: VS Code, Eclipse, NetBeans, Atom
Database/ Cloud: MySQL, Oracle, AWS(S3)
Others: GIT, Postman, Cypress, Jest, Jira, Confluence

EDUCATION

Master's Computer Science, University of North Texas, United States

GPA: 3.86/4.0

Relevant Courses: Computer Networks, Computer Forensics, Graph Theory, Introduction to Big Data and Data Science, Scientific Data Visualization, Methods of Empirical Analysis, Fundamentals of Databases, Software Engineering.

RELAVANT PROJECTS

Penna Care – Web and Mobile application, Full stack Developer

- The main idea of the product was to create an application that our client (cement company) and their dealers can use to place orders and keep track of things online.
- The project helps the client company to track its dealers, their orders, sales, and the profits they make, increasing their sales by 20%.
- The dealer can place orders, make payments, and get product updates on the app which increased efficiency by 75%.
- Used Angular for the UI of the application, Java, and Oracle for backend.
- Use Agile development methodologies and JIRA to keep track of work.